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(54) Title: PROCESS FOR IDENTIFICATION OF GENES ENCODING PROTEINS HAVING CELL PROLIFERATION-PROMOTING
ACTIVITY

(57) Abstract

The present invention is directed to selection systems for the identification of cell proliferation genes based on functional analysis. More specifically, the invention is directed to a process for the identification of a cell proliferation promoting activity, the isolation of genes involved in such cell proliferation promoting activity, and the use of the so identified genes for the diagnosis or treatment of a disease associated with excessive cell proliferation. The invention further is directed to the design and development of antibodies, peptides, nucleic acids, and other compounds which specifically interfere with the function of the identified gene and/or its gene product, and pharmaceutical compositions comprising such compounds, for the treatment of diseases associated with inappropriate or unregulated cell proliferation.